

On the Equilibrium Condition in a Loop Prominence, by
V. Ye. Merkulenko.

RUSSIAN, per, Solnechnye Dannye. Biulleten, No 2,
1968, pp 100-105.

*AFCLR

Jan 72

G. F. Yelisseyev

Certain properties of regions with proton flares. 9 pp.
RUSSIAN, Solnechnyye Dannyye, No 14, 1968, pp 94-99
AIR/FTD-MT-24-1624-71

sept 72

Periodic Fluctuations in Fluxes of Local Radio-
Emission Sources of the Sun, by G. B. Gelfreykh,
12 pp.

RUSSIAN, per, So'nechnyye Danyye Bulletin, No 9,
1969, pp 88-94.

Tr No 69, 21 August 1970

AIR/AFCEL/70-0490

Sci/Astron
Nov 70

N. N. Yeryushev

*Variation in the intensity of circularly polarised
radio emission during solar flares. 6 pp.*

RUSSIAN, Solnechnyye Dannyye, No 12, 1969, pp 94-98

AIR/FTD-MT-24-1693-71

sept 72

Some Results of Observations of the Polarized S-Component
of the Solar-Radio-Emission at 3.2 cm, by V. P. Nefed'yev.
RUSSIAN, per, Solnechnye Darnye. Bulletin., No 3, 1971,
pp 89-95.
AFCL

Dec 72

Some Results of Observations of Solar Eclipse on
September 22, 1968, in Polarized Radiation at 3 cm.,
by M. S. Durasova.
RUSSIAN, per, Solnechnye Dannye. Bulletin., No 5, 1971,
pp 102-107.
AFCL

Dec 72

On the Influence of Variations of the Magnetic Field of
a Sunspot on the Emission of B-Component Sources of
Solar Radio Emission, by Sh. B. Akhmedov.
RUSSIAN, per, Solnechnye Dannye. Bulletin., No 6, 1971,
pp111-115.
ATCRL

Dec 72

Investigations of the Program "Rapid Variations of
Solar Magnetic Field", II, by G. F. Val'shin.
RUSSIAN, per, Solnechnye Dannye. Biulleten., No 7, 1971,
pp 70-74.
AFGRL

Dec 72

Investigations on the Program "Rapid Variations of Solar
Magnetic Fields", III. Some Peculiarities of Solar Radio
Emission During June 6-17, 1969, by A. A. Gnezdlov.
RUSSIAN, per, Solnechnye Dannye. Bulletin, No 7, 1971,
pp 74-77.
AFCRE

Dec 72

Investigations on the Program "Rapid Variations of Solar
Magnetic Fields", IV. Motions of Sunspot Umbrae, by

L. Desso.

RUSSIAK, per, Solnechnye Dannyya. Bulletin., No 7, 1971,
pp 77-88.

AFCL

Dec 72

Fine Structure of Motions in the Chromosphere Over the
Sunspot, by M. Mamadazimov.
RUSSIAN, per, Solnechnye Dannye. Biulleten., No 7, 1971,
pp 88-95.
AFCL

Dec 72

An Analysis of Calibration of the Channel of the
Magnetic Field Longitudinal Component in the Magnet-
ograph With One Photoelectric Multiplier, by
O. V. Nikonov.

RUSSIAN, per, Solnechnye Dniye. Biulleten., No 7, 1971,
pp 95-104.

AFCEL

Dec 72

Determination of Heights of Atmospheric Inhomogeneities
From Cinematographing the Sun, by V. I. Il'iasov.
RUSSIAN, per, Solnechnye Dannye. Biulleten., No 7, 1971,
pp 105-108.
AFCL

Dec 72

The Results of Observations During the Partial Solar
Eclipse on September 22, 1968, at 3.1 cm., by
A. F. Dravskikh.

RUSSIAN, per, Solnechnye Dannye. Biulleten., No 12, 1971,
pp 106-107.

AFCRI

Dec 72

On the Relations Between Developments of Active Regions
on the Sun and Their Succeeding Events in Cosmic Rays
Intensity, by N. P. Milovidova
RUSSIAN, per, Solnechnye Dkanyo. Biulleten., No 7, 1971,
pp 109-114.
AFCRL

Dec 72

On the Magnetic Field in Emission Knots of Flares, by
Kh. I. Abdusamatov.
RUSSIAN, per, Solnechnye Dannye. Biulleten., No 9, 1971,
pp 67-72.
AFCEL

Dec 72

The Analysis and Calculation of the Sunspot Magnetic
Fields in the Solar Atmosphere, I. The Magnetic Field
of the Unipolar Spots, by O. S. Korolev.
RUSSIAN, per, Solnechnye Dannye. Biulleten, No 10, 1971
pp 76-85.
AFCL

Dec 72

The Analysis and Calculations of the Sunspot Magnetic
Field in the Solar Atmosphere, II, by O. S. Korolev.
RUSSIAN, per, Solnechnye Dannye. Bulletin, No 11, 1971,
pp 97-104.
AFCRL

Dec 72

The Analysis and the Calculation of the Magnetic Field of
Spots in the Solar Atmosphere, III., by O. S. Korolev.
RUSSIAN, par, Solnechnye Damiye. Biulleten., No 12, 1971,
pp 77-84.
AFGRL

Dec 72

Variations of Sunspot Magnetic Fields at Two Levels in
Connection With the Development of Active Regions, by
A. N. Koval'.

RUSSIAN, per, Solnechnye Dannye Biulleten., No 1, 1972,
pp 83-91.

AFCR1

Dec 72

Solar Cosmic Rays, by L. I. Dorman, L. I. Miroshnich-
enko. 145 pp.
RUSSIAN, bk, Solnachnyye Kosmicheskiye Luchi, 1968,
pp 82-185.
AIR/FTD/NT-24-12-70

Sci-Astron
Jul 70

Solar-diurnal variations of cosmic rays from the maximum to the minimum of solar activity, by L. I. Dorman, Ye. V. Kolomeyets. 162 pp.

RUSSIAN, bk, Solnechno-sutochnyye variatsii kosmicheskikh luchey ot maksimuma do minimuma solnechnoy aktivnosti.

No 9, 1968, pp 1-109

NASA/TT-F-690-72

apr 72

The Sun and the Ionosphere. Short-Wave Solar
Radiation and Its Effect on the Ionosphere, by
G. S. Ivanov-Kholodnyi, G. M. Nikol'skiy, 366 pp. 574 pp
RUSSIAN, bk, Solntse i Ionosfera. Korotkovolnovoe
Izluchenie Solntsa i Ego Vozdeistvie Na Ionosferu,
1969.

NTIS TT 70-50184

NASA TT F-654

Apr 72

The Solvated Electron in Radiation Chemistry, by
A. K. Pikayev, 387 pp.
RUSSIAN, bk, Sol'vatirovannyi Elektron v Radiatsionnoy
Khimiy, 1969.
NTIS TT 70-50157
AEC-tr-7177
UC-4

Mar 72

SOOBASHCH STOP GO TO THE NEXT WORD

R-6891-P/1

6 April 1966

Calculating snow avalanche impact on a fixed obstacle

By: D. N. Gongadze and L. K. Papinashvili

From: Soobshcheniia Akademii Nauk Gruzinskoi SSR 16: 437-1

442, 1955

(8 pp)

Russian - est for wds:

Type 1 original copy only. Document may be cut.

Approximate Solution of a Basic Biharmonic
Problem, by G. Shafer, 11 pp.
RUSSIAN, por, Soobshcheniya, AN GRUZSSR,
Vol XXXVII, No 3, 1965, pp 527-534.
P100067767

PTD-TT-65-3004

Math
Mar 67

320,736

Rapid Method of Calculating the
High-Temperature Heat Capacity of
Solid Inorganic Compounds, by
D. Sh Tsagaroyshvili, G.G. Gvelesiani.
RUSSIAN, per, Soobshch Akad Nauk Gruz SSR,
Vol XXXVII, No 3, 1965, pp 581-586.
NASA TT F-9711

Sci-Phys
Mar 66

2967,370

Voice Identification Under the Conditions of
Limiting the Speech Signal by Spectrum and
Amplitude, by G. S. Randashvili,
A. G. Katauridze. 8 pp.
RUSSIAN, AN Gruzssr. Soobshcheniya, Vol 40,
No 1, 1965, pp 39-45.
AIR/FTD/FT-23-79-68

sci/navigation
mar 69

376,571

The Anomalous Absorption of Electro-Magnetic
Energy in Plasma, by G. I. Suramlishvili and
Yu. B. Ponomarenko, 7 pp.
RUSSIAN, per. AN GRUSSR, Soobshchaniya, Vol 40,
No 1, 1965, pp 47-53. P100048968-V
FTD-MT-24-150-67

Sol-Phy
Apr 68

352,121

Symmetrical Loading of an Infinite
Plate Weakened by Three Circular
Holes, by N. N. Marodetskiy, 11 pp.
RUSSIAN, per, AN GRUZZSR.
Sobremenniy, Vol 40, No 2, 1965,
pp 295-302
P100205968-V
PTD-HT-67-78

Sci/Physics
Sep 68

364,201

Mechanism of Steam Bubble Formation,
by I. G. Shekrladze,
RUSSIAN, per, Soobshcheniya
Akademi Nauk Gruzinskoy SSR,
Vol XII, No 2, 1966, pp 391-398.
P200072567
RSIC-632

Mechanical
Mar 67

320,490

Contribution to the Problem of Using Braking
Energy to Accelerate a Vehicle, by R.R. Dvali,
RUSSIAN, per. Soobshcheniya Akad Nauk Gruzin-
skoi SSR, Vol 43, N 3, 1966, pp 659-664.
APL/JHU-T-2595

Mar 72

Elastic Constants of Oriented Fiberglass at
various Temperatures, by D. V. Zakharko. 10 pp.
RUSSIAN, per, AI Gruzssr. Sotshcheniya, Vol 44,
No 1, 1966, pp 173-180.
AIR/FID/H-24-174-69

sci/materials
Mar 70

404,390

Approximate Solution of Some Nonstationary
Boundary-Value Problems With Allowance for a
Magnetic Field, by Dzh. V. Sharikadze. 5 pp.
RUSSIAN, per, Sobshchdeniya Akad. Nauk Gruzin.
SSR (Tiflis), Vol 45, No 1, 1967, pp 43-46.
NASA TT F-12,832

sci/mechan engr
apr 70

404,502

Quenching of a Laser by Another Laser,
by V. R. Berezovskii, R. N. Kukharukii,
V. V. Mumladze.
RUSSIAN, per, Akademiya Nauk Gruzinskoi SSR.
Sobshcheniya, Vol 45, No 1, 1967, pp. 65-8.
NNC 69-11213-20E

Sci-Phys
July 69

388,819

The Part Played by Oxygen in the Structural
Changes of Silicon Single Crystals During
Thermal Treatment, by M. I. Iglitsyn.

RUSSIAN, per, Soobshcheniya Akademii Nauk
Gruzinskoy SSR, Vol 45, No 1, 1967,
pp 77-84.

NASA TT F-11,083

Sci-Chem
Sept 67

341,981

Problems Dealing with Analysis of Vectorcardiograms,
by O. D. Gvantseladze, 9 pp.
RUSSIAN, per, Soobshcheniya Akademii Nauk
Gruzinskoy SSR, Tbilisi, Jan 1967, pp 257-264.
JPRS 48294

Sci-B&M
Jul 69

386,115

Suppressing Certain Modes in Ruby-Laser Radiation,
by V. R. Beronovskiy, Sh. Sh. Gvatus.
RUSSIAN, for, AN GruzSSR, Soobshcheniye, Vol 45,
No 2, 1967, pp 333-336.
AIR/FTD/HT-23-1600-67

Sci-Phys
Feb 69

374,416

Multiprogram Organization of Computer Operation,
by G. B. Bukiya. 7 pp.
RUSSIAN, per, AN GRUZZSK. Soobshcheniya, Vol 46,
No 1, 1967, pp 41-47.
414-69
FTD S-705

july 69

384,276

Synthesis of Heat-Resistant Polymers Containing
a Symmetrical Triazine Cycle, by Yu. A. Murav'yev,
T. V. Izvokhizani, et al. 8 pp.
RUSSIAN, per, AN GruzSSR. Soobshcheniya, Vol 46,
No 2, 1967, pp 353-358.
AIR/PTD/AF-23-331-68

sci/chemistry
sept 69

391,018

Basic Characteristics of the Boundary Layer of
the Atmosphere over Certain Regions of Eastern
Georgia, by O. V. Iomaya. 8 pp.
RUSSIAN, per, AN GruzSSR. Soobshcheniya, Vol 47,
No 1, 1967, pp 49-54.
ATT/FTD/AT-23-1152-68

sci/atmospheric sci
june 69

382,950

One Method of Representing Algorithms of
Machine Translation, by G. B. Chikaidze. 8 pp.
RUSSIAN, per, Sobshcheniya AN GRUZSSR.
Vol 48, No 2, 1967, pp 293-298.
ADR/FTD/H-24-411-68

sci/electronic
jan 70

36 398,743

Enthalpy and Heat Capacity of Scandium Sesquioxide
at High Temperature, by D. Sh. Tsagareishvili.
RUSSIAN, per, Sobshch Akad Nauk Gruzinskoy SSSR,
Tiflis, Vol 49, 1968, pp 175-180.

*AEC 2052

Sci/Phy
Jun 69

Solving of Boudnary Problems with the
Aid of Nonorthogonal Series, by
M. A. Aleksidze, N. M. Arveladze.
RUSSIAN, per, AN GruzSSR, Soobshcheniya,
Vol 49, No 2, 1968, pp 281-286.
FTD-S-547

May 69

900
380,822

Some Characteristics of a Fiber Optic Laser,
by Sh. Sh. Ovatur and V. V. Chevchanidse. 3/4
RUSSIAN, per, AN GrunSSR. Soobahcheniya,
Vol 49, No 3, 557-559 pp., 1968.

AIR/FTD-HT-23-895-68

Sci/Phy
Nov 68

Concerning an Algorithm for Classifying Abstract
Images, by Tvalabeyshvili, G. A. 6 pp.
RUSSIAN, per, AN Gruzssr. Soobshcheniya, Vol 30,
No 2, 1968, pp 301-304
AIR/FTD/MT-24-397-69

sci/Electronics
apr 70

405,962

Preliminary Conversion of Images in a Visual Image
Identification System, by N. I. Melikadze, 9 pp.
RUSSIAN, per, AN Gruz SSR Soobshcheniya,
Vol 50, No 2, 1968, pp 309-314.
AIR/FTD/MT-24-253-69

Sci/Beh & Soc Sci
May 70

Synthesis of Tertiary Acetylene γ -Glycols of
the Barrocene Series, by I. P. Gvantsiteli,
L. P. Asatiani. 5 pp.

RUSSIAN, per, Sootsicheniya in Gruzian, Vol 51, No 1, 1968, pp 91-94.

ALI/FED/IN-23-425-69

sci/chemistry
jan 70

399,760

A New Method for Solving the Hilbert Boundary
Value Problem for Several Unknown Functions, by
N. P. Vekua. 6 pp.
RUSSEAN, per, AL GHAZSER. Soobshcheniya, Vol 52,
No 1, 1968, pp 17-20.
AIR/PTD/AT-23-438-69

sci/mathematics
mar 70

404,424

Distribution of Resources in Agricultural
Production by the Tabular Method, by
O. K. Aburdzhaniya, 5 pp.
RUSSIAN, per, Soobshcheniya Akademii Nauk
Gruzinskoy SSR, Tbilisi, Vol 52, No 2,
1968, pp 319-324.
JPRS 47845

Sci-Cybernetics
May 69

378,515

An Interpretation Routine for Translation Problems (BESM-4), by G. B. Chikoldze. 6 pp.

RUSSIAN, per, Akademiya Nauk Gruzinskoy SSR.

Soobshcheniya, Vol 54, No 1, 1969, pp 37-40.

AIR/FTD-HT-23-527-70

AIR/FTD HT 23-527-70

mar 71

Mathematical Simulation of Behavior Based on
the Theory of Set, 5 pp.

RUSSIAN, per. Soobshcheniya Akademiy Nauk
Gruzinskoy SSR, Vol 54, No 2, 1969,
ACSI-K-0970

Dec 71

REQ TR CHECK

22-10-16

TU23

PHYSICOCHEMICAL PROPERTIES OF FAIENCE BODIES
CONTAINING PERLITE AND DIATOMITE.

KHIZANISHVILI I G

UR: AN GRUZSSR. SOOBSHCHENIYA, 1969, vol 55,
nr 1, pp 89-92

In process as

MT-24-71-1832 *Negative*
4/20/71

Optimal Inventory Policies with Single Purchase
Under Random Delivery Delay, by R. I. Saliya,
6 pp.

RUSSIAN, per. Tbilisi, Soobshcheniya Akad Nauk
Gruzinskoy SSR, Vol 55, No 3, 1969, pp 545-548.

ACSI-K-0216

Oct 71

RUSSIAN

Comp. Special
*5 pp.*CSO: 0256/71
1 Feb 71W
SF

Visual memory in lower monkeys with ablated frontal cortex after administration of some pharmacological agents, by I. S. Deritashvili, et al.

Tbilisi, Soobshcheniya akademii nauk Gruzinskoy SSR, Vol 50, No 3, 1969, pp 681-684.

Special type B - do not publish - translator's draft plus one copy.

T. D.: 16 February 1971.

Determination of the Average Effective Radius
of Vaporization Centers in the Nucleate Boiling
of Liquids, by G. Ya. Borkhous, 7 pp.
RUSSIAN, 107, Sovetskii Akad Nauk Graz SSR,
Vol 57(1), 1970, pp 157-160.
ASU/TR-1202-70

Sci/Chem
Jan 71

T. N. Oniani

P. P. Molnar

*Spectral analysis of a electroencephalogram during
sleep and wakefulness, by T. N. Oniani, P. P. Molnar*
6 pp.

*RUSSIAN, per, Soobshch. Akad. Nauk Gruz SSSR, Vol 57
No 1, 1970, pp 173-176*
NASA TT F 14172

may 72

Some Data Concerning the Influence of X Rays on
the Cerebral Hyaluronic Acid of Animals,
by M.A. Bregadze, 5 pp.
RUSSIAN, per. Akad Nauk Gruz SSR, Soobcheniya,
Vol 57, 1970, pp 221-224.
ACSI-K-1210

Mar 72

I. G. Khramishvili

The change in elastic modulus and coefficient of thermal expansion of porcelain with the introduction of perlite.
6 pp.

RUSSIAN, per, AN Gruz SSR, Spetskhimiya, Vol 58, No 3, 1970, pp 597-600.

AIR/FTD-MT-24-1821-71

sept 78

Propagation of a Passive Admixture in a Turbulent
Medium from a Point Source, by L. S. Chotorlishvili,
5 pp.
RUSSIAN, per, Soobshcheniya Akademii Nauk
Gruzinskoy SSR, Vol 60, No 1, 1970, pp 73-75.
X-7459

June 1971

A. G. Dnodnashvili

Correcting codes for exchange of information between
computers. 6 pp.

RUSSIAN, per, AN Gruz SSR. Soobshcheniya, Vol 60, No 2,
1970, pp 273-276.

AIR/FTD-NT-24-1700-71

sept 72

D. P. Gugushvili

Accelerated reliability tests by the continuous loading method. 7 pp.

RUSSIAN, Sobesheniya, AN Grua SSR, Vol 61, 1971

pp 45-48

AIR/FTD-HT-23-899-72

jan 73

Okropiridze, T. M.

Study of the Properties of a Highly-Porous Titanium
Dioxide Surface.

AKADEMIYA NAUK GRUZINSKOI SSR, SOOBSHCHENIYA,

Vol 61, No 1, pp 81-84, 1971.

NTC-72-14860-07D

Feb 73

Optimal Strategy Construction by Trial and
Error Based on Pontryagin's Maximum Principle,
by G. M. Begalishvili, 6 pp.

RUSSIAN, per, Soobshch Akad Nauk Gruz. SSR
(Tiflis), Vol 61, No 2, 1971, pp 297-300.

NASA TT F 13780

Mar 72

I. D. Dolidze

Disturbance of the Acid-Alkaline Equilibrium of the Blood and the pH of various layers of the Intestinal wall during severe shock and Hemorrhage.

AKADEMIYA NAUK GRUZINSKOI SSR. SOOBSHCHENIYA

V. 61, 1971, pp. 737-740.

RLT-40

Sh. M. Mikelashvili

Viscosity of the Melts of the Zirconium Oxide-
Manganese Oxide-Silicon Dioxide-Aluminum Oxide
System.

RUSSIAN, per, Akademiya Nauk Gruzinskoi SSR.
Sobremenniya, Vol 65, 1972, pp 649-652.

Order from INTT as INTT-180. \$5.70.
NTC 72-60593-11B

Nov 72

Corrosion Resistance of Some Metallic Materials
for Astronomical Mirrors, by G. M. Loretzayan.
RUSSIAN, per. Soobshch. Pyuratskoy Observatorii
Izd-vo V. A. Ambartsumyan. Akademi Nauk
Armenyanskoy SSR, Vol 38, 1967, pp 53-65.
P910146463

Sci Tech Info Facility
ST-ER-QA-10701

NASA - 100-250

Sci/Mat
June 68

359,336

Materials for Astronomical Mirrors, by
Zh. M. Loretsyan.
RUSSIAN, rpt, Soobshecheniya Byuratsanskoy
Observatorii, Vypusk 38, Str. 72-87 Izd-vo
V. A. Ambartsunyan Almazanti Nauch Artyanskoy
SSR, 1967. P910171888
Sci Tech Info Facility
ST-MR-0A-10702

NA 27 7 1967

Sci/Astron & Astrophys
Sep 68

353,303

INVESTIGATION OF CERTAIN NEW DEVELOPERS

DOKUCHAYEVA, L. LANGUAGE-RU COUNTRY-UR

SODBSHCH. GOS. ASTRON. INST., NO. 139, 1965,
PP. 37-50

FSTC-HT-23-1192-73

Color Differences of the Lunar Surface Form-
ations at Various Phases of the Moon,
by L.N. Bondarenko, 10 pp.
RUSSIAN, per. Soobshch Gos Astron, No 152,
1968, pp 13-21.
ACSI-K-1057

Mar 72

Basic Gravity Reductions and Some Errors Occurring
from their use, by N. P. Grushinskiy.
RUSSIAN, bk, Soobshcheniya Gosudarstvennogo
Astronomicheskogo Instituta imeni P. K. Shternberga,
No 174, 1972, pp 42-53.
*DMAAC

Jan 73

Charges With Air Spaces and Highly Dispersed
Granular Explosives as Means of Controlling
Blast Effect, by L. N. Marchenko,
G. P. Domidyuk, 10 pp.
RUSSIAN, per, Soob IGD, Vol XXIV, 1965,
pp 22-31.
Dept of Navy TR 4780/ONI TR 2199

Sci - Elec

Ann 66

205 150

V. Gitt

Silund Nanosecond high-current linear
induction accelerator. 6 pp

RUSSIAN, Soobshcheniya Ob'yedinennogo
Instituta Yadernykh Issledovaniy.

Sil'notochnyy Induktsionny Lineynyy

Uskoritel' Nanosekundnogo Diapazona

Silund, 1971, pp. 1-9.

AIR/FTD-HC- 23-1090-72

dec 72

Krogus, P.V., Krokhin, H.M. and
V.V. Marshutkin

1969

The pelagic fish community in Lake Dal'nee. An
experiment in cybernetic modelling (Sobshchestvo
pelagicheskikh ryb ozera Dal'nego. Opyt kiberneticheskogo
modelirovaniya)
Akademiya nauk SSSR, KOTINRO Institut evolyutsionnoi
fiziologii i biologii im. I.M. Sechenov, AN SSSR, izd.
"Nauka" Leningradskoe Otdelenie, Leningrad: 1-86.
In Russian.

Transl. by Transl. Bur. Fgn. Lang. Div., Dept. of Sec. of
State of Canada for FRBC Biological Station, Nanaimo, B.C.
Marine Ecology Lab., Dartmouth, N.S., 1970, as FRBC Transl.
Series No. 1486, 227p., typescript.

Avail. on Loan - BCF, Wash., D.C.

Original Article Checked. *ML*

Coprecipitation and Adsorption of Radioactive
Elements, by V. M. Vdovenko, 222 pp.

RUSSIAN, bk, Soosazhdeniia i Adsorbtsiya
Radioaktivnykh Elementov, 1965.

REF ID: A6746

Sci - NC
Jun 67

326,025

Comparison of the Industrial Production
Indices of the USSR and the USA.
RUSSIAN, bk, Sopostavleniye Pokazateley
Proizh Lenovo Proizvodstva SSSR & USA,
1966, 153 pp.
DIA LN 438-69

USSR
Econ
Mar 69

377,567

Studies in Comparison of Levels of Economic
Development of the Socialist Countries, 83 pp.
RUSSIAN, bk, Sopostavleniye Urovney Ekonomiche-
skogo Razvitiya Sotsialisticheskikh Stran,
1965, pp. 127-202 and 204-226.
JPRS 37073

USSR
Econ
Sept 66

310,168

Properties of Diagrams of Cyclic Deformation at
Increased Temperatures, by A. P. Gusonkov,
R. M. Shneyderovich, 15 pp.
RUSSIAN, per, Soprotivleniye Deformirovaniyu i
Razrusheniyu pri Malom Chisle Tsiklov Nagruzheniya,
Moscow, 1967, pp 64-75.
JPRS 58180

Feb 73

RUSSIAN

JPRS-58180

CDD: 01347/73 C
101 Jan. 1973W
87

Resistance to low-cycle deformation and fatigue, by
R.M. Serebrennikov.

Kiev, Spetsializirovannyye naukoobrazovaniya deformatsionnoy i
razrusheniya, 1971, 17, 21-27.

Please publish as one report with the title "Selected
Translation in Metallurgy" and provide JPRC/ad hoc
with four (4) advance copies and the source.

T.D. 16 February 1973.

Free Transverse Vibrations of a Circular
Cylindrical Sandwich Shell with a Hard
Filler, by A. P. Prusakov, A. I. Kholod,
9 pp.

RUSSIAN, per, Soprotiv elter i Teoriya
Sobrazh, No 1, 1965, pp 7-17.

CIA/PDD X-5755

Sci - Phys

Nov 65

FOR OFFICIAL USE ONLY

201,877

Stability of a Cylindrical Panel on an
Elastic Foundation, by B. A. Korbut,
L. G. Odnorol, 5 pp.
RUSSIAN, per, Soprot Mater i Teoriya
Sootuzh, No 1, 1965, pp 17-23.
CIA/FDD X-5751

Sci - Phys
Nov 65
FOR OFFICIAL USE ONLY

281,879

Derivation of Grid Equations of Plate Bending
by the Variational Method, by D. V. Vaynberg,
V. M. Gerasimovskiy et al, 11 pp.

~~RUSSIAN, per, Sovetskoye Materialy i~~
~~Teoriya Sostoyaniy, No 1, 1965, pp 23-33.~~

~~PI00136968-V~~

~~PI00136968-V~~

Sci-Physics

July 68

360,727

Perturbation Method in the Theory of
Small Deflections of Nonlinearly-
Elastic Plates, by Yu. K. Chokushkin, 8 pp.
RUSSIAN, per. Soprot Mater i Teoriya
Sobrazh. No 1, 1965, pp 51-61.
CIA/FDD X-5752

Sci - Phys

Nov 65

FOR OFFICIAL USE ONLY

291,878

Flutter of a Rectangular Plate with Reinforcing
Rigid Ribs, by N. P. Floyshman, Nguyen Fuk Nin'.
9 pp.

RUSSIAN, per, Soprotivleniya Materialov i Teoriya
Sooruzheniy, No 9, 1969, pp 43-49.

AIR/FTD/HT-23-472-70

Sci-Mech
Dec 70

Yu. I. Fialko

The effect of aerodynamic factors on the amplitude of the bending shape of forced bending-torsional vibrations of a rod, 7 pp.

RUSSIAN, Soprotivleniye materialov i teoriya skoruzheniy.
Mekhanicheskii respublikanskiy nauchnyy sbornik,
No 11, 1970, pp 130-134
AIR/FTD-HT-23-702-72

nov 72

The Matching of Diffusion Processes and Chemical Reactions, the Evolution of Open Biochemical Systems, by L. N. Moysceva, V. P. Slobodskaya.
RUSSIAN, bk, Sopryazheniye Protessov Diffuziy i Khimicheskikh Reaktsiy i Evolutsiya Otkrytykh Biokhimicheskikh Sistem, 1968, pp 56-62.
NASA TT F-12,192

Sci-B&E
July 69

388,561

The Composition and Origin of the Terrestrial Fauna
of Middle Asia, by O. L. Kryzhanovskiy.

RUSSIAN, bk, Sostav i Proiskhozhdeniye Nazemnoy
Fauny Sredney Azii, 1965, 419 pp.

*NTIS TT 70-53089

Sci/B&M

Feb 71

Condition and Development of Typographical
Machine Building in the USSR, unsigned, 30pp
RUSSIAN, bk, Sostoyaniye i Razvitiye Poligrafichesk
Mashinostroyeniya v SSSR, Moscow, 65, pp 1-24
JPRS 27741

USSR

Econ

Jan 65

271095

State of the Human Cardiovascular System During
the Effects of Weightlessness and During its
Simulation, by V. A. Degtyarev and V. M. Khayutin
RUSSIAN, rpt, Sostoyaniye kardiachno-sosudistoy...,
Moscow, Academy of Sciences, 1971, 17 pp.
NASA TT F-14,030

Mar 72

The State and Role of Water in Biological Objects,
by L. P. Kayushin.
RUSSIAN, bk, Sostoyaniye i Rol' Vody v Biologicheskikh
Obektakh, 1967.
Plenum Press

Sci/Ear Sci
May 68

356,621

State of the Water-Salt Metabolism under Space-
Flight Conditions, by I. S. Balakhovskiy, et al.
RUSSIAN, rpt, Sostoyaniya Vodno-solovogo Obmena...,
Moscow, Academy of Sciences USSR, 1971, 22 pages.
NASA TT F-14,029

Mar 72

Molecular Structure of Intracellular Water and
its Possible Physiological Importance, by
A. M. Alekseyev, 11 pp.
SOSTOYANI VODY VOD OBMEN KULT RAST, 1971, pp 11-23.
NAV/NISC-Tr-3393-73

Apr 73

SOTSIAL STOP GO TO NEXT WORD

Principles of Socialist Monetary Circulation,
by Z. V. Atlas, 57 pp.

RUSSIAN, mono, Sotsialisticheskaya Denegimaya
Sistema, Moscow, 1969, pp 339-379, 384.

JPRS 49619

USSR

Econ

Feb 70

400,774

18788

DC

2 Jan 69

Under the Black Banner of Anti- Communism
by B.Herhiyenko and I.Klyuchnikov

SF

Ukrainian, book, Sotsialistychna Diysnist' i
Natsionalistychna Vychodky, Kiev, 1968,
17pp

Special Type "B"; Translator's draft plus one

doc- do not mutilate source (pp)

T.D. 14 Jan 69

Tin Coated Glass for Solar Energy Structures.
RUSSIAN, np, Sotsialisticheskaya Industriya.
*FSTC-HT-23-1015-72

Dec 71

Social Development Plan for Enterprises Discussed,
by M. Tolmachev, 7 pp.
RUSSIAN, np. Sotsialisticheskaya Industriya.
Moscow, 5 July 1969, p 2.
JPRS 48632

USSR
Soc
Aug 69

390,660

Reform Effects Electro-Chemical Combine,
by Aleksandr Komarovskiy, 10 pp.
RUSSIAN, np, Sotsialisticheskaya Industriya,
Moscow, 16 Jul 1969, p 2; 17 Jul 1969, p 2;
18 Jul 1969, p 2.
JPRS 48690

USSR
Econ
Sept 69

389,337

Light Industry Accomplishments, Plans Reviewed,
by M. Tarasov, 5 pp.
RUSSIAN, np. Sotsialisticheskaya Industriya,
Moscow, 24 July 1969, p 2.
JPRS 48711

USSR
Econ
Sept 69

390,781